

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listing, of claims in the application:

Claim 1 (previously presented): A storage library system, comprising:
a vertical stationary support member having a first major axis oriented vertically; and
a cartridge transport assembly, comprising:
a cartridge retrieving mechanism configured to retrieve a removable media cartridge, said cartridge transport assembly being coupled to the vertical stationary support member for movement along the first major axis, wherein the cartridge retrieving mechanism is positionable in five degrees of freedom, wherein:
a first degree of freedom comprising linear movement along the vertical stationary support member,
a second degree of freedom comprising linear movement along a second axis approximately orthogonal to the first major axis,
a third degree of freedom comprising linear movement along a third axis approximately orthogonal to the first major axis and the second axis,
a fourth degree of freedom comprising rotational movement about a fourth axis, and
a fifth degree of freedom comprising radial extension of the cartridge retrieving mechanism, the fifth degree of freedom orthogonal to the fourth axis.

Claims 2-6 (cancelled)

Claim 7 (previously presented): The storage library system of claim 1, further comprising:

an enclosure having a first side wall, an opposing second side wall, and a back wall adjacent to the first and second side walls;

a cavity region between the first side wall, the second side wall, and the back wall, the vertical stationary support member and the cartridge transport assembly being positioned in the cavity region.

Claim 8 (original): The storage library system of claim 7, further comprising:
a plurality of storage bins disposed on the first and second side walls.

Claim 9 (original): The storage library system of claim 7, further comprising:
at least one tape drive disposed on the back wall.

Claims 10-21 (cancelled)

Claim 22 (previously presented): The storage library system of claim 1, wherein the cartridge transport assembly comprises a horizontally disposed tray assembly for supporting the cartridge retrieving mechanism.

Claim 23 (cancelled)